PALM Intranet	Io
Application Submit	
IDS Flag Clearance for Application 10828282	

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2004-08-30	15	Y	2007-01-07 08:21:09.0	cbritt
M844	2004-04-21	13	Y	2007-01-07 08:22:22.0	cbritt
(Update					

## SEARCH HISTORY

File 347: JAPIO Dec 1976-2006/Aug(Updated 061130) (c) 2006 JPO & JAPIO File 350:Derwent WPIX 1963-2006/UD=200701 (c) 2007 The Thomson Corporation Set Items Description 22091 TEST???(1W)PATTERN? ? OR TESTPATTERN? OR TP OR TPS S1 **S2** 786827 PATTERN? ? s3 ECC OR ECCS OR EDAC OR EDACS OR EDC OR EDCS DEBUG? OR DE()(BUG? ? OR BUGG???) 5134 **S4** 11446 808715 DEFECT? OR NONFUNCTION? OR UNFUNCTION? OR INVALID? OR FAIL? **S**5 OR FAULT? OR DEFICIEN? OR ABNORMA? 911331 DETERIORAT? OR BAD OR DAMAG? OR ORPHAN OR ATYPICA? OR FLAW? **S6** OR IMPAIR? OR IMPERFECT? OR ABERRA? NONCONFORM? OR MALFUNCTION? OR INOPERA? OR DYSFUNCTION? OR **S7** 96861 DISFUNCTION? OR BUG? ? OR BUGGY DEVIANT? OR DEVIAT? OR IRREGULAR? OR CORRUPT? OR DISTORT? -608318 **S8** OR DISCREPAN? OR DEGRAD? OR DISPARAT? 58706 IMPROPER? OR INCORRECT? OR INACCURA? s9 **S10** 231394 S5:S9(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SC-RUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPOS??? OR EXP-OSITION? ?) **S11** S5:S9(3N)(CHECK??? OR CHEOU? OR SPOT??? OR SPOTT??? OR DIA-34611 GNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR LBIST OR MBI-**S12** 12286 S5:S9(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURVEIL? OR DISC-RIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? OR ANALYT?) S5:S9(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SELFDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? OR BIST) **S13** S5:S9(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR IDENTIFY? OR **S14** IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS??? OR JUDGE?-????) **S15** 93889 S5:S9(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???) 8893 **S16** S5:S9(3N)(FILTER? OR FILTRE? OR FILTRATION?) S5:S9(3N)FILTER??? 8847 **S17 S18** 3606426 PROBLEM? ? OR UNUSUAL OR PROBLEMATIC OR WRONG OR EXCEPTION? ? OR MISTAKE? ? OR INOPERA? **S19** 80877 (ERROR? ? OR S18)(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SCRUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPO-S??? OR EXPOSITION? ?) **S20** 12899 (ERROR? ? OR S18)(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPO-TT??? OR DIAGNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR -LBIST OR MBIST) **S21** (ERROR? ? OR S18)(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURV-EIL? OR DISCRIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? -OR ANALYT?) (ERROR? ? OR S18)(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SEL-**S22** FDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? -OR BIST) **S23** (ERROR? ? OR S18)(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR -16169 IDENTIFY? OR IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS-??? OR JUDGE?????) (ERROR? ? OR S18)(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? -**S24** OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???) **S25** 3890 (ERROR? ? OR S18)(3N)(FILTER??? OR FILTRE? OR FILTRATION?) **S26** (TROUBLESHOOT? OR TROUBLE()SHOOT???)(3N)(S5:S9 OR ERROR? ? 485 OR S18) 13122 (S10:S17 OR S19:S26)(3N)(CODE? ? OR CODING OR PROGRAMCOD? -S27 OR PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR RO-UTINE? ?) **S28** 10112 (\$10:\$17 OR \$19:\$26)(3N)(SUBROUTINE? OR MICROCOD? OR SOURC-ECOD? OR INSTRUCTION? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT?

```
S29
           3952
                   S4(3N)(CODE? ? OR CODING OR PROGRAMCOD? OR PROGRAM? ? OR P-
               ROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR ROUTINE? ?)
530
                   S4(3N)(SUBROUTINE? OR MICROCOD? OR SOURCECOD? OR INSTRUCTI-
               ON? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT? ?)
               ($3 OR $27:$30)(8N)(BASING OR BASE? ? OR BASIS)

($3 OR $27:$30)(8N)(GENERAT???? OR SOURCE OR SOURCES OR OR-
IGINAT? OR PROPAGAT? OR PRODUCE? ? OR PRODUCING OR PRODUCTION?
S31
           1880
S32
           3871
S33
                   (S3 OR S27:S30)(8N)(PROD? ? OR CREAT???? OR SYNTHESI? OR D-
               ERIV??? OR DERIVATION? ?)
S34
           174
                   S31:S33(15N)S1:S2
S35
           173
                   S34 NOT (PROTEIN? ? OR ACID? ? OR DNA OR RNA OR ENZYME? ?)
                   TPG OR TPGS OR ATPG OR ATPGS OR APGS OR ALPG OR ALP-
S36
           868
               GS
S37
                  S31:S33 AND S36
S35 NOT S37
S38
            168
             29
S39
                   S38 AND S1
S40
              4
                   S39 AND AC=US/PR AND AY=(1963:2003)/PR
S41
              6
                   S39 AND AC=US AND AY=1963:2003
S42
              6
                   S39 AND AC=US AND AY=(1963:2003)/PR
S43
             19
                   S39 AND PY=1963:2003
S44
             20
                   S40:S43
```

```
File 348:EUROPEAN PATENTS 1978-2006/ 200652
          (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20061228UT=20061221
          (c) 2006 WIPO/Thomson
Set
         Items
                 Description
                 TEST???(1W)PATTERN? ? OR TESTPATTERN? OR TP OR TPS
         37200
S1
S2
       390943
                 PATTERN? ?
S3
        19938
                 ECC OR ECCS OR EDAC OR EDACS OR EDC OR EDCS
S4
         8544
                 DEBUG? OR DE()(BUG? ? OR BUGG???)
S5
       561298
                 DEFECT? OR NONFUNCTION? OR UNFUNCTION? OR INVALID? OR FAIL?
               OR FAULT? OR DEFICIEN? OR ABNORMA?
S6
       567126
                 DETERIORAT? OR BAD OR DAMAG? OR ORPHAN OR ATYPICA? OR FLAW?
               OR IMPAIR? OR IMPERFECT? OR ABERRA?
NONCONFORM? OR MALFUNCTION? OR INOPERA? OR DYSFUNCTION? OR
S7
        97465
              DISFUNCTION? OR BUG? ? OR BUGGY
DEVIANT? OR DEVIAT? OR IRREGULAR? OR CORRUPT? OR DISTORT? -
S8
       556535
              OR DISCREPAN? OR DEGRAD? OR DISPARAT?
S9
       105677
                 IMPROPER? OR INCORRECT? OR INACCURA?
S10
                 S5:S9(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SC-
       128073
              RUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPOS??? OR EXP-
              OSITION? ?)
S11
                 S5:S9(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPOTT??? OR DIA-
              GNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR LBIST OR MBI-
S12
         8176
                 S5:S9(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURVEIL? OR DISC-
              RIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? OR ANALYT?)
S13
        18737
                 S5:S9(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SELFDIAGNOS? OR
              SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? OR BIST)
        55488
S14
                 S5:S9(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR IDENTIFY? OR
              IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS??? OR JUDGE?-
S15
        64532
              S5:S9(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)
                 S5:S9(3N)(FILTER? OR FILTRE? OR FILTRATION?)
S5:S9(3N)FILTER???
         9266
S16
S17
        10420
      1109589
                 PROBLEM? ? OR UNUSUAL OR PROBLEMATIC OR WRONG OR EXCEPTION?
S18
               ? OR MISTAKE? ? OR INOPERA?
S19
        96350
                 (ERROR? ? OR S18)(3N)(DETECT???? OR DISCERN? OR FIND??? OR
              FOUND OR SCRUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPO-
              S??? OR EXPOSITION? ?)
S20
        26644
                 (ERROR? ? OR S18)(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPO-
              TT??? OR DIAGNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR -
              LBIST OR MBIST)
S21
         5699
                 (ERROR? ? OR S18)(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURV-
              EIL? OR DISCRIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? -
              OR ANALYT?)
        10981
                 (ERROR? ? OR S18)(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SEL-
S22
              FDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? -
              OR BIST)
S23
        35472
                 (ERROR? ? OR S18)(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR -
              IDENTIFY? OR IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS-
??? OR JUDGE?????)
S24
        40461
                 (ERROR? ? OR S18)(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? -
              OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)

(ERROR? ? OR S18)(3N)(FILTER??? OR FILTRE? OR FILTRATION?)
S25
        11520
S26
         1318
                 (TROUBLESHOOT? OR TROUBLE()SHOOT???)(3N)(S5:S9 OR ERROR??
              OR S18)
S27
        14672
                 ($10:$17 OR $19:$26)(3N)(CODE? ? OR CODING OR PROGRAMCOD? -
              OR PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR RO-
              UTINE? ?)
S28
        13079
                 ($10:$17 OR $19:$26)(3N)(SUBROUTINE? OR MICROCOD? OR SOURC-
              ECOD? OR INSTRUCTION? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT?
```

```
S29
                     S4(3N)(CODE? ? OR CODING OR PROGRAMCOD? OR PROGRAM? ? OR P-
                 ROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR ROUTINE? ?)
S30
            1000
                     S4(3N)(SUBROUTINE? OR MICROCOD? OR SOURCECOD? OR INSTRUCTI-
                 ON? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT? ?)
S31
            2641
                     (S3 OR S27:S30)(8N)(BASING OR BASE? ? OR BASIS)
S32
            4622
                     (S3 OR S27:S30) (8N) (GENERAT???? OR SOURCE OR SOURCES OR OR-
                 IGINAT? OR PROPAGAT? OR PRODUCE? ? OR PRODUCING OR PRODUCTION?
S33
           1205
                     (S3 OR S27:S30)(8N)(PROD? ? OR CREAT???? OR SYNTHESI? OR D-
                 ERIV??? OR DERIVATION? ?)
             205
S34
                    S31:S33(15N)S1:S2
S35
             190
                    S34 NOT (PROTEIN? ? OR ACID? ? OR DNA OR RNA OR ENZYME? ?)
                    IC='G06F-011'
S36
          10634
S37
           1679
                    IC='G06F-0011'
S38
           8698
                    IC='G06F-012'
s39
                    IC='G06F-0012'
           1603
S40
                    S35 AND S36:S39
              31
                    DUT OR DUTS OR DEVICE? ?()UNDER()TEST???
CHIP? ? OR MICROCHIP? ? OR SILICONCHIP? OR COMPUTERCHIP? OR
            4651
S41
S42
         185711
                  MICROCIRCUIT?
                    DIE OR DIES OR DICE OR DICES OR (SI OR SILICON)()BLOCK?? ASIC OR ASICS OR PCB OR PCBS OR SOC OR SOCS CIRCUIT? OR CKT?? OR WAFER?? OR IC OR ICS OR ICC OR ICCS
       1100981
S43
S44
         137335
S45
         779493
                OR SEMICOND? ? OR SEMICONDUCT? OR SEMI()(COND? ? OR CONDUCT??-
                FET OR FETS OR FED OR FEDS OR MOS OR CMOS OR JFET? OR MOSF-
ET? OR FIELD()EFFECT? ?()(DEVICE? ? OR TRANSIST?R? ?)
S46
         364644
                FLASHMEMOR? OR FLASHSTOR? OR PROM OR PROMS OR ROM OR ROMS - OR EPROM? ? OR EEPROM? OR FPROM? ? OR E2PROM? ? OR EAROM? ? OR EAPROM? OR CDROM? ?
S47
         188431
                    NVM? ? OR NVS OR NVRAM?
S48
           3265
S49
                  (NONVOLATILE OR NON() VOLATILE OR NV OR FLASH) (1W) (MEMOR? OR STOR??? OR LOCATION? ? OR AREA? ? OR RAM? ? OR RAS)
          60950
S50
          31250
                    FLASH(1W) (MEMOR? OR STOR??? OR RAM? ?)
S51
                    S35(50N)S41:S50
              58
S52
S53
              27
                    S35(25N) (MEMOR??? OR STORAGE)
              87
                    S40 OR S51:S52
              29
S54
                    S53 AND AC=US/PR AND AY=(1963:2003)/PR
              29
S55
                    S53 AND AC=US AND AY=1963:2003
S53 AND AC=US AND AY=(1963:2003)/PR
S56
              29
S57
              67
                    S53 AND PY=1963:2003
S58
                    S54:S57
```

```
Set
        Items
                Description
S1
        37200
                TEST???(1W)PATTERN? ? OR TESTPATTERN? OR TP OR TPS
S2
       390943
                PATTERN? ?
S3
                ECC OR ECCS OR EDAC OR EDACS OR EDC OR EDCS DEBUG? OR DE()(BUG? ? OR BUGG???)
        19938
S4
         8544
S5
       561298
                DEFECT? OR NONFUNCTION? OR UNFUNCTION? OR INVALID? OR FAIL?
              OR FAULT? OR DEFICIEN? OR ABNORMA?
S6
       567126
                DETERIORAT? OR BAD OR DAMAG? OR ORPHAN OR ATYPICA? OR FLAW?
              OR IMPAIR? OR IMPERFECT? OR ABERRA?
S7
        97465
                NONCONFORM? OR MALFUNCTION? OR INOPERA? OR DYSFUNCTION? OR
             DISFUNCTION? OR BUG? ? OR BUGGY
S8
                DEVIANT? OR DEVIAT? OR IRREGULAR? OR CORRUPT? OR DISTORT? -
       556535
             OR DISCREPAN? OR DEGRAD? OR DISPARAT?
S9
       105677
                IMPROPER? OR INCORRECT? OR INACCURA?
S10
       128073
                S5:S9(3N)(DETECT???? OR DISCERN? OR FIND??? OR FOUND OR SC-
             RUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPOS??? OR EXPOSITION? ?)
S11
                S5:S9(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPOTT??? OR DIA-
        30306
             GNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR LBIST OR MBI-
S12
         8176
                S5:S9(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURVEIL? OR DISC-
             RIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? OR ANALYT?)
        18737
                S5:S9(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SELFDIAGNOS? OR
S13
             SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? OR BIST)
S14
        55488
                S5:S9(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR IDENTIFY? OR
             IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS??? OR JUDGE?-
                S5:S9(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? OR RECOGNIS?
S15
        64532
             OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)
S16
                S5:S9(3N)(FILTER? OR FILTRE? OR FILTRATION?)
         9266
S17
        10420
                S5:S9(3N)FILTER???
                PROBLEM? ? OR UNUSUAL OR PROBLEMATIC OR WRONG OR EXCEPTION?
S18
      1109589
              ? OR MISTAKE? ? OR INOPERA?
S19
        96350
                (ERROR? ? OR S18)(3N)(DETECT???? OR DISCERN? OR FIND??? OR
             FOUND OR SCRUTIN? OR DETERMIN? OR UNCVOER? OR REVEAL? OR EXPO-
             S??? OR EXPOSITION? ?)
S20
                (ERROR? ? OR S18)(3N)(CHECK??? OR CHEQU? OR SPOT??? OR SPO-
             TT??? OR DIAGNOS? OR DEREFERENC? OR DISCOVER? OR UNCOVER? OR -
             LBIST OR MBIST)
         5699
S21
                (ERROR? ? OR S18)(3N)(AUTOTEST? OR DX OR SURVEY??? OR SURV-
             EIL? OR DISCRIMINAT? OR VERIFY? OR VERIFICAT? OR VERIFIE?? ? -
             OR ANALYT?)
S22
        10981
                (ERROR? ? OR S18)(3N)(ANALYZ? OR ANALYS? OR ASSESS? OR SEL-
             FDIAGNOS? OR SELFTEST? OR SELFCHECK? OR SELFCHEQU? OR DET? ? -
             OR BIST)
S23
        35472
                (ERROR? ? OR S18)(3N)(LOCATING OR LOCATE? ? OR REVIEW? OR -
             IDENTIFY? OR IDENTIFIE?? OR INDENTIFICAT? OR EVALUAT? OR SENS-
             ??? OR JUDGE?????)
524
        40461
                (ERROR? ? OR S18)(3N)(JUDG????? OR RECOGNIT? OR RECOGNIZ? -
             OR RECOGNIS? OR INSPECT???? OR MONITOR? OR TRACK? OR TEST???)
S25
        11520
                (ERROR? ? OR S18)(3N)(FILTER??? OR FILTRE? OR FILTRATION?)
S26
         1318
                (TROUBLESHOOT? OR TROUBLE()SHOOT???)(3N)(S5:S9 OR ERROR? ?
             OR S18)
S27
        14672
                ($10:$17 OR $19:$26)(3N)(CODE? ? OR CODING OR PROGRAMCOD? -
             OR PROGRAM? ? OR PROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR RO-
             UTINE? ?)
S28
        13079
                ($10:$17 OR $19:$26)(3N)(SUBROUTINE? OR MICROCOD? OR SOURC-
             ECOD? OR INSTRUCTION? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT?
S29
                S4(3N)(CODE? ? OR CODING OR PROGRAMCOD? OR PROGRAM? ? OR P-
             ROGRAMME OR PROGRAMMES OR SUBPROGRAM? OR ROUTINE? ?)
s30
         1000
                S4(3N)(SUBROUTINE? OR MICROCOD? OR SOURCECOD? OR INSTRUCTI-
             ON? OR PROCEDURE? OR FUNCTION? ? OR SCRIPT? ?)
S31
         2641
                (S3 OR S27:S30)(8N)(BASING OR BASE? ? OR BASIS)
```

```
S32
                  ($3 OR $27:$30)(8N)(GENERAT???? OR SOURCE OR SOURCES OR OR-
          4622
               IGINAT? OR PROPAGAT? OR PRODUCE? ? OR PRODUCING OR PRODUCTION?
S33
          1205
                   (S3 OR S27:S30)(8N)(PROD? ? OR CREAT???? OR SYNTHESI? OR D-
               ERIV??? OR DERIVATION? ?)
534
           205
                  S31:S33(15N)S1:S2
S35
           190
                  S34 NOT (PROTEIN? ? OR ACID? ? OR DNA OR RNA OR ENZYME? ?)
                  IC='G06F-011
S36
         10634
                  IC='G06F-0011'
S37
          1679
                  IC='G06F-012'
S38
          8698
                  IC='G06F-0012'
S39
          1603
S40
                  S35 AND S36:S39
            31
S41
          4651
                  DUT OR DUTS OR DEVICE? ?()UNDER()TEST???
                  CHIP? ? OR MICROCHIP? ? OR SILICONCHIP? OR COMPUTERCHIP? OR
S42
        185711
                MICROCIRCUIT?
S43
       1100981
                  DIE OR DIES OR DICE OR DICES OR (SI OR SILICON)()BLOCK? ?
              ASIC OR ASICS OR PCB OR PCBS OR SOC OR SOCS
CIRCUIT? OR CKT? ? OR WAFER? ? OR IC OR ICS OR ICC OR ICCS
OR SEMICOND? ? OR SEMICONDUCT??
S44
        137335
S45
        779493
546
        364644
                  FET OR FETS OR FED OR FEDS OR MOS OR CMOS OR JFET? OR MOSF-
               ET? OR FIELD()EFFECT? ?()(DEVICE? ? OR TRANSIST?R? ?)
              FLASHMEMOR? OR FLASHSTOR? OR PROM OR PROMS OR ROM OR ROMS - OR EPROM? ? OR EPROM? ? OR E2PROM? ? OR
S47
        188431
                EAROM? ? OR EAPROM? OR CDROM? ?
                  NVM? ? OR NVS OR NVRAM?
S48
          3265
                (NONVOLATILE OR NON() VOLATILE OR NV OR FLASH) (1W) (MEMOR? OR STOR??? OR LOCATION? ? OR AREA? ? OR RAM? ? OR RAS)
S49
         60950
         31250
S50
                  FLASH(1W) (MEMOR? OR STOR??? OR RAM? ?)
S51
            58
                  S35(50N)S41:S50
S52
            27
                  S35(25N) (MEMOR??? OR STORAGE)
            87
S53
                  S40 OR S51:S52
S54
            29
                  S53 AND AC=US/PR AND AY=(1963:2003)/PR
            29
S55
                  S53 AND AC=US AND AY=1963:2003
            29
S56
                  S53 AND AC=US AND AY=(1963:2003)/PR
S57
            67
                  S53 AND PY=1963:2003
S58
            71
                  S54:S57
          4362
S59
                  TPG OR TPGS OR ATPG OR ATPGS OR APGS OR ALPG OR ALP-
              GS
S60
             4
                  S31:S33(25N)S59
             1
S61
                  S60 NOT S53
```

```
File 347: JAPIO Dec 1976-2006/Aug(Updated 061130)
          (c) 2006 JPO & JAPIO
File 348: EUROPEAN PATENTS 1978-2006/ 200652
          (c) 2006 European Patent Office
File 349:PCT FULLTEXT 1979-2006/UB=20061228UT=20061221
          (c) 2006 WIPO/Thomson
File 350:Derwent WPIX 1963-2006/UD=200701 (c) 2007 The Thomson Corporation
Set
         Items
                  Description
S1
           220
                  AU='KUSHIDA K':AU='KUSHIDA K K K H G K'
S2
            19
                  AU='KUSHIDA KEIICHI'
s3
            54
                  AU='HIRABAYASHI O':AU='HIRABAYASHI O C AUTONETWORKS TECHNO-
               LOGIES LTD'
S4
           107
                  AU= 'HIRABAYASHI OSAMU'
S5
                  S1:S2 AND S3:S4
TEST???(2W)PATTERN? ?
             6
         19031
S6
s7
                  S6(15N)(ECC? ? OR ERROR? ? OR EDAC? ? OR EDC? ?)
S1:S4 AND S7
           932
s8
? t8/9/1
```